

Message

From: Bwinder [bwinder@mcmillan-mcgee.com]
Sent: 1/20/2021 12:22:09 AM
To: Ohl, Matthew [ohl.matthew@epa.gov]
CC: David Rountree [drountree@mcmillan-mcgee.com]; Bruce McGee [mcgee@mcmillan-mcgee.com]
Subject: Re: Third Site DNAPL Cell remediation work plan

Hello Matt,

Thank you for sharing this with us. Obviously, we believe the report is biased in certain instances but is flat-out wrong in others. I have also forwarded this to Dr. Bruce McGee, the world's leading expert on electrical heating systems, and he will be working with David to develop a more formal response to this.

Suffice it to say that we are definitely not in agreement with the first paragraph on Page 2. This appears to be "bought thought" at its worst. The ET-DSP™ system was specifically designed to separately treat the upper and lower units. Each region was supplied with independently controlled electrodes along with aggressive and independent extraction wells for just this reason. The assertion that residual mass in these units was/is not being removed is patently false. We have data on two separate occasions that says otherwise. Of the 100+ ERH projects that we have completed this site behaved in perhaps the most text book fashion with the most predictable temperature ramp-up and extraction that we have seen. This project performed exactly as it should have. The one thing that was not predictable was the mass that was below the treatment interval as prescribed by the Trust [ie. below 40 feet] that continued to re-contaminate the treated zone after we were heating.

On top of all this, the consultant is suggesting bioremediation for a known NAPL zone? This is incredible! But I will leave that to the experts to sort out.

Again, I thank you for the information and appreciate the open door. We want to do what is right for the project and will continue to assist in any way that we can throughout this process.

Cheers,

Brent

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On Jan 19, 2021, at 3:54 PM, Ohl, Matthew <ohl.matthew@epa.gov> wrote:

David:

The attached report is referenced as a basis for ERH limitations.

Thank you,

Matt

From: David A. Rountree <drountree@mcmillan-mcgee.com>

Sent: Tuesday, January 19, 2021 4:33 PM

To: Ohl, Matthew <ohl.matthew@epa.gov>

Cc: Brent Winder <brent.winder@mcmillan-mcgee.com>

Subject: Re: Third Site DNAPL Cell remediation work plan

Matt,

Good to hear from you & hope you're doing well. I will consult with our internal technical experts and reply ASAP.

David A. Rountree

On Jan 19, 2021, at 5:17 PM, Ohl, Matthew <ohl.matthew@epa.gov> wrote:

Good afternoon David:

Do you concur with the ERH limitations discussed on page 2 of the attached memo?

Thank you,

Matt

Matthew J. Ohl
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From: Julie Konzuk <JKonzuk@Geosyntec.com>

Sent: Friday, January 15, 2021 5:15 PM

To: Ohl, Matthew <ohl.matthew@epa.gov>

Cc: Mark Nichter

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Subject: Third Site DNAPL Cell remediation work plan

Matt,

Please find attached a work plan for the Third Site DNAPL area remediation program with a start date of Feb 1 as requested. Because of the short lead time, please confirm that we are authorized to proceed. If you have any questions or concerns, please let me know as soon as possible.

Regards,

Julie

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<Third Site DNAPL Containment Area Bioremediation Work Plan - 15 Jan 2021 to EPA.pdf>

<Mail Attachment.eml>